Defense Cash Accountability System (DCAS)

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MISSION OF DoD CASH ACCOUNTABILITY

- Report to Treasury
  - Consolidated Statement of Accountability (1219) Statement of Transactions (1220) for Navy, Air Force, Army, and Defense Agencies
- Report to DoD Accounting Network
  - Expenditure Transactions are distributed for posting to the appropriate accountable station
  - Reduce cycle time from months to days
- Report to DoD Financial Managers/Other Federal Agencies
  - Current cash outlays
  - "Flash Cash" info for Working Capital Fund
  - Information required on geographic outlay distribution of DoD funds
  - International Balance of Payments (IBOP) Report
  - "By DoD for Other" cash transactions

MISSION OF DOD CASH ACCOUNTABILITY

DCAS

Reconcile with Treasury

End-of-month cash position to the Treasury Trial Balance

Statements of Differences (SF6652) for both disbursing and deposit activities

Reconcile with DoD Accounting Network

Process clearance feedback and adjustments received from network

Correct transactions previously distributed to an accounting system determined incorrect or invalid

Monitor and Control In-Transit Cash

Treasury Suspense/Clearance accounts

Undistributed Cross Disbursements

- Reduced manual cross disbursements/reduced intransits
  - Reduced from 60 days to 10 days
- Established a process flow to capture, edit, supplement and transmit expenditure data at the source
- Implemented Corporate Functional Architecture: accepts non-standard or standard data, converts to uniform structure (BACC-PSE).
- Moved toward a paperless environment
- Improved Management Information
  - Ad hoc query capability

PHASE 1(Completed) USER COMMUNITY

- All DFAS Centers and Field Organizations

- Army National Guard

- Limited number of Non-DFAS AF and Navy sites

- State Department for Navy

- 350 DSSNs Implemented

- 1,408 Entitlement Stations

- 2,433 Users as of January 2002

- Working Air National Guard, DTRA, DIA, COE, and DTSW

- Accounting System unique screens for adding supplemental data for posting

- Online visibility of raw data

- Audit trail on changes from original data

- Chargeback capability with link to original transaction

- Enhanced edit and validation below Treasury level

- Daily distribution of cross disbursements

DCAS

- Provide to the customer standardized automated reporting capabilities electronically on a daily basis

- Report Navy disbursements, reimbursements, deposits and receipts to the United States Treasury

- Improve the accuracy of Treasury statements and other reporting products

- Eliminates Legacy Systems: CERPS, UDL, DUNES, and DIE

DCAS

FLEXIBILITY

- Real time visibility of current Treasury Period Data
- Total user control of their 1219/1220 Generation Process
- Automatic generation of Adjustments and Reversals
- Customer control of their data and products
- Access to data on a 24 X 7 basis
- Access to transactions supporting selected summarized products
- Extensive adhoc query capability and services
- Use of Standard Data
- Reporting cuts across Agency Lines
- Ability to Interface with any DoD system

ACCOUNTABILITY
- Balance each DCAS business day
- Accountability to Cash cross balancing prior to reporting
- Complete transaction auditing
- 13 years of archived data maintained ** 3 years of history and current year online
- Full system documentation including online help

COST SAVINGS
- Table Driven Processes
- Server side processing
- Reduce need for paper via use of WEB Report Viewer
- Standard processes for all Services
- Use processes within existing systems, i.e. DCII
- Capture of initial DSDS disbursements from DCD

DCAS

DCAS Table Data

Validation Data
- CMET
- MART
- Army-HQARS
- PBAS
- DODDS

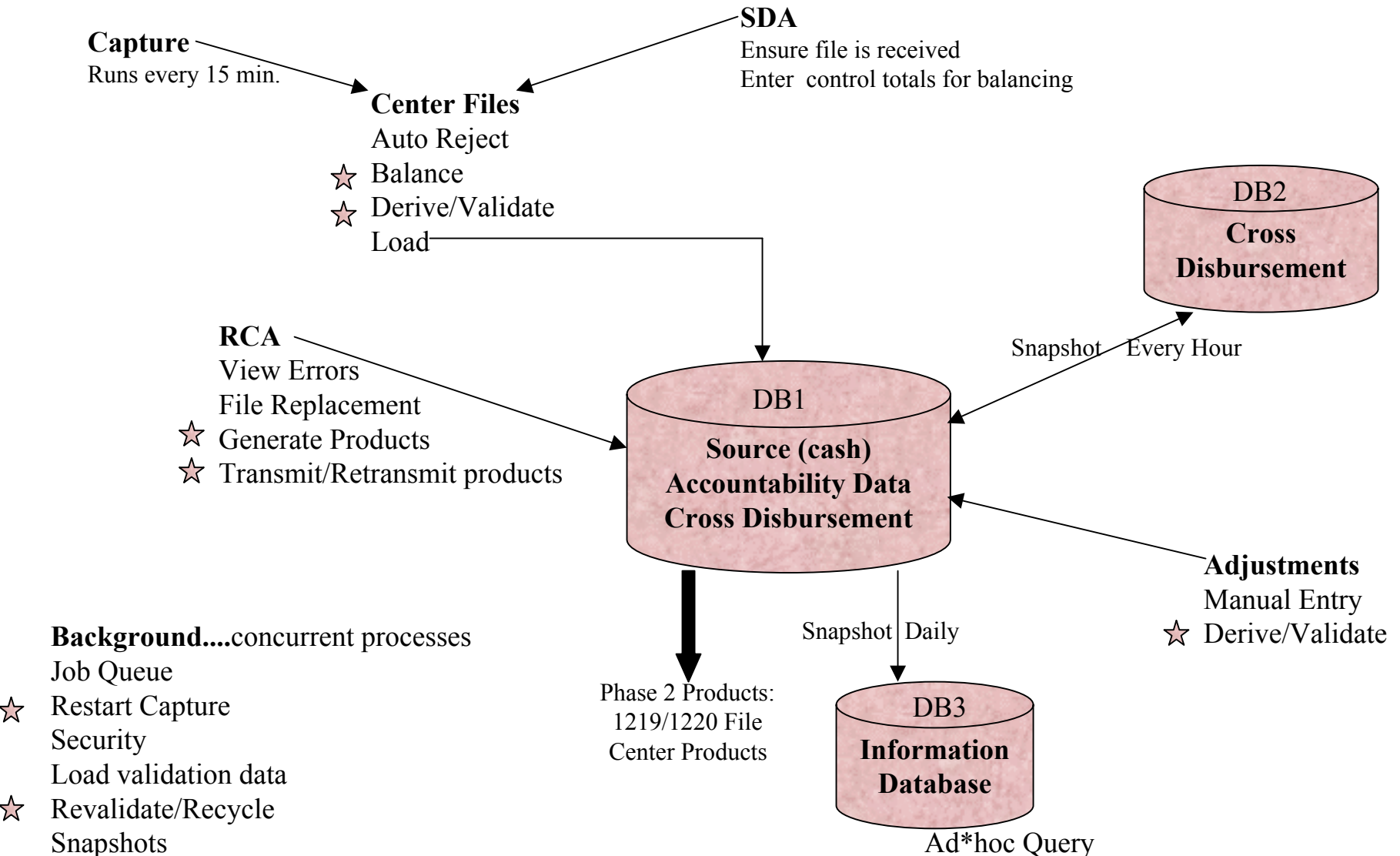- Customer
- Product Type
- DCD (Treasury API)

Control Data
- User security
- Application roles

- File control totals
- Products

Reference Data
- AAA
- DSSN
- Entitlement
- Typical/Atypical/Sole
- Chargeback Identification

- Pseudo 2 True
- Sub Account
- Sub Class
- Domain of Interest
- Treasury Transaction Code
- Appropriation Auto Adjustments

Process Flow Overview (cont.)

Capture
Runs every 15 min.

SDA
Ensure file is received
Enter control totals for balancing

Center Files
Auto Reject
☆ Balance
☆ Derive/Validate
Load

DB2
Cross Disbursement

RCA
View Errors
File Replacement
☆ Generate Products
☆ Transmit/Retransmit products

DB1
Source (cash) Accountability Data Cross Disbursement

Snapshot Every Hour

Adjustments
Manual Entry
☆ Derive/Validate

Background....concurrent processes
Job Queue
☆ Restart Capture
Security
Load validation data
☆ Revalidate/Recycle
Snapshots

Phase 2 Products:
1219/1220 File
Center Products

Snapshot Daily

DB3
Information Database

Ad*hoc Query

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DCAS

Hardware

- Windows NT 4.0 Workstation (SP5), Windows 2000 Workstation, or Windows 98
- 166Mhz Pentium Processor
- 32MB RAM
- 50MB Hard disk space
- 17" Monitor (Or capable of SVGA 800 x 600 resolution

Software

- Current version of Netscape or MS Explorer
- SQL*Net 2.x (From Oracle)
- COGNOS Impromptu 6.X (Optional)

Communications (constant TCIP connection)

- via Local Area Network (LAN)
- via Remote Access Server (DISP Account)

- 1219/1220 Demonstrations   Jun 2001
- Product Demonstration   Nov 2001
- User SAT   Jun 2002
- Deploy   Jul 2002
- Report to Treasury   Aug 2002
- OT&E (Parallel w/CERPS)   Aug - Oct 2002
- Inactivate CERPS   Nov 2002
- DSDS Interface/Distribution   Nov 2002

Proposed DCAS High Level Strategy

DCAS

Cross Disbursements
- Shorten Cross Disbursements Cycle Time
- Provide Accurate/Essential Data
- Reduce Intransits
- Provide Visibility
- Standardize Data
- Support Paperless Initiative
- Chargeback capability

Treasury Reporting/Reconciliation
- Perform Treasury Reporting
- Distribute Data Daily to Accounting Systems
- Standardize Reporting Capabilities
- Begin Elimination of Cash Legacy Systems
- Fix Inefficiencies Caused by Current Legacy Systems
- Provide Enhanced Visibility of Data
- Initial Treasury Reconciliation
- Suspense Management
- Ability to Monitor Transaction until Posting to Accounting System
- Accounting Clearance

Remaining Functions
- Complete Elimination of Cash Legacy Systems
- Enhancements - DCAS Web Enabling

2005

Completed

- *Phase 1 - March 1999 – All Centers*

- *Enhancements - May 2001 – All Centers*

- *Phase 2 - July 2002 - CL/KC Treas Rptg*
 - *Phase 2.1 - October 2002 -DCD Datamart*

- *Phase 3 - Reconciliation- September 2003 - CL/KC*

- *Phase 4 - IN/CO Treas Rptg/Reconciliation - March 2004*

- *Phase 5 - Denver Treas Rptg/Reconciliation - October 2004*

- **Treasury Reporting - Phase 2 (July 2002)**
  - Implement Cleveland/Kansas City
  - Eliminate CERPS, UDL, DUNES, and DIE

- **Build Reconciliation Function - Phase 3 (September 2003)**
  - Implement Cleveland/Kansas City
  - DSDS will have replace ADS
  - Eliminate need for FRS, DROO, NPPI, CRS, SAMS, DIT, IBOP, FOS functionality
  - Suspense Management/Accounting Clearance

- **Modify Treasury (Changes/Enhancements) - Phase 4 (March 2004)**
  - Implement Reconciliation and Treasury for Indianapolis
  - DSDS will have replaced SRD1
  - Eliminate cash accountability functionality in HQARS

- **Implement Denver - Phase 5 (October 2004)**
  - Implement Reconciliation and Treasury for Denver
  - DSDS will have replaced CDS
  - Eliminate cash accountability functionality in MAFR and DCMS

DCII Environment

DCAS

DCAS
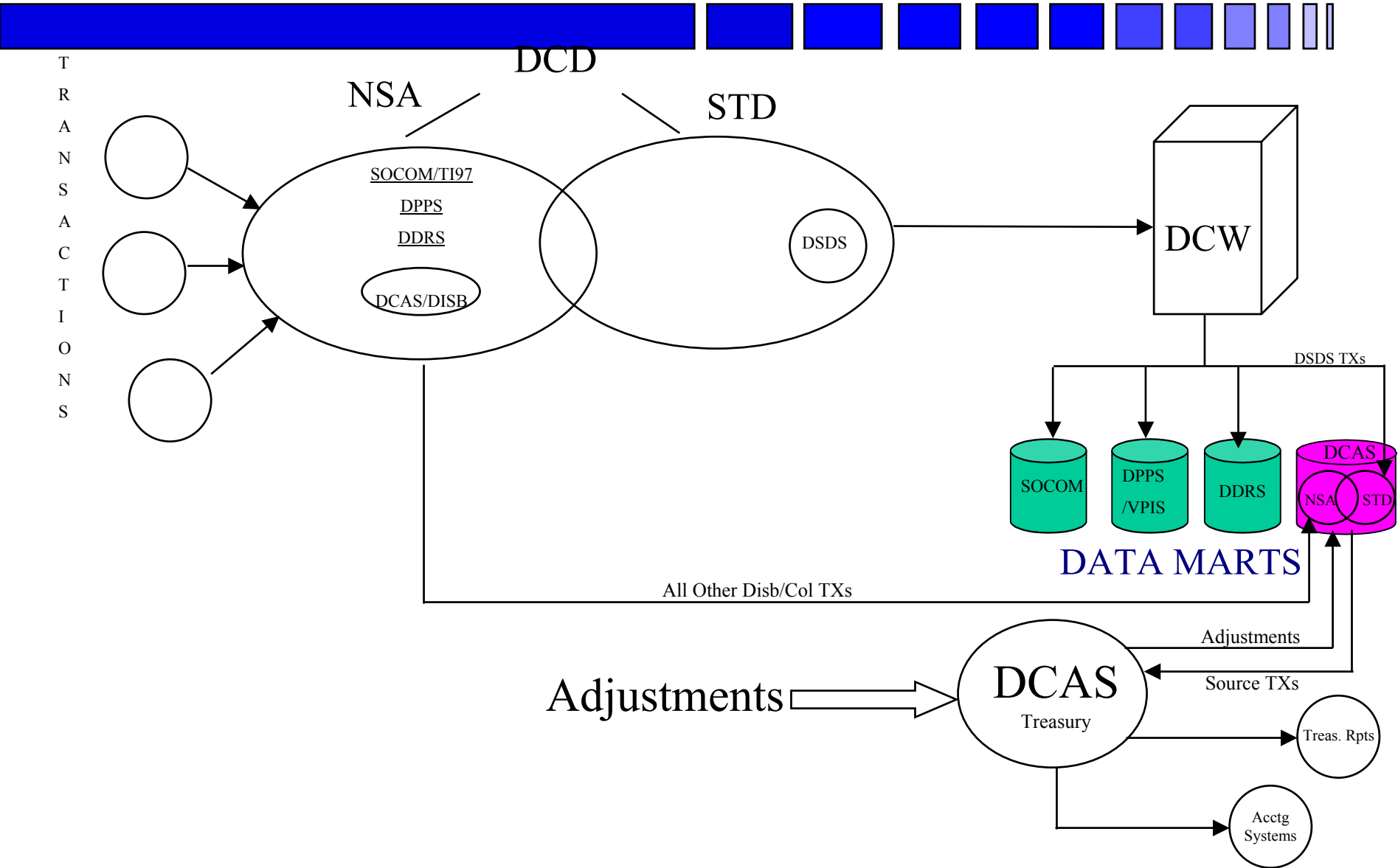
- **Provides visibility of legacy system data**
- **Provide accurate, consistent and supportable information**
- **Cross Disbursing Subsystem**
  - reduce reporting cycle time for recording expenditure data in accounting systems from months to days
  - reduce manual cross disbursements/intransits
- **Treasury Reporting Subsystem**
  - eliminate Treasury rejects resulting from inaccurate appropriation data
  - provide access to all DoD cash transactions on virtual real time basis
  - eliminate use of multiple systems and manual processes currently used to perform reconciliation and corrections
  - provide ad-hoc capability via COGNOS Impromptu
  - web-based reports capability

- **Reconciliation Subsystem**
  - Ensure Treasury, Departmental, and Field level records are in balance
  - Support auditability of financial statements
  - Reconcile undistributed
  - Assist in resolving UMDs and NULOs
  - Treasury Suspense/Clearance accounts